



Para información actualizada visite <http://mlrd.es/MF-2000>

#### REFERENCIAS DE CRUCE

|                     |            |               |          |
|---------------------|------------|---------------|----------|
| <b>BOSCH</b>        | 1457070001 | <b>MANN</b>   | PU723X   |
| <b>GM</b>           | 93181377   | <b>OPEL</b>   | 8 13 569 |
| <b>HENGST</b>       | E83KP D140 | <b>OPEL</b>   | 813569   |
| <b>HENGST</b>       | E83KPD140  | <b>PBR</b>    | AG-3405  |
| <b>KNECHT/MAHLE</b> | KX 208D    | <b>U.F.I.</b> | 60H2O00  |
| <b>MAHLE</b>        | KX208D     | <b>UFI</b>    | 60H2O00  |
| <b>MANN</b>         | PU 723X    |               |          |

#### APLICACIONES (EUROPA)

##### CHEVROLET

| Serie   | Modelo     | Motor | Kw | HP  | CV  | Desde | Hasta |
|---------|------------|-------|----|-----|-----|-------|-------|
| Lacetti | 2.0 Diesel |       | 89 | 119 | 121 | 2007  |       |
| Optra   | 2.0 D      |       | 89 | 119 | 121 | 2007  |       |

##### CHEVROLET EUROPE | DAEWOO (GM)

| Serie   | Modelo          | Motor  | Kw  | HP  | CV  | Desde | Hasta |
|---------|-----------------|--------|-----|-----|-----|-------|-------|
| Captiva | 2.0 CDTI        | Z20DM  | 93  | 125 | 126 | 2006  |       |
| Captiva | 2.0 CDTI        | Z20DMH | 110 | 147 | 149 | 2006  |       |
| Epica   | 2.0 VDCI Diesel |        | 110 | 147 | 149 | 2007  |       |
| Lacetti | 2.0 Diesel      |        | 89  | 119 | 121 | 2007  |       |

##### CITROEN

| Serie                | Modelo          | Motor             | Kw  | HP  | CV  | Desde | Hasta |
|----------------------|-----------------|-------------------|-----|-----|-----|-------|-------|
| Jumper II Relay II   | 2.0 HDi         | DW10TD            | 62  | 83  | 84  | 2002  | 2006  |
| Jumper II Relay II   | 2.2 HDi         | DW12TED           | 74  | 99  | 101 | 2002  | 2006  |
| Jumper II Relay II   | 2.8 HDi 127     | Sofim 2800 HDI    | 94  | 126 | 128 | 2002  | 2006  |
| Jumper II Relay II   | 2.8 HDi 146     | Sofim 2800 HDI    | 107 | 143 | 145 | 2004  | 2006  |
| Jumper III Relay III | 2.2 HDi 100     | 22 DT PUMA        | 74  | 99  | 101 | 2006  | 2012  |
| Jumper III Relay III | 2.2 HDi 120     | 22 DT PUMA        | 88  | 118 | 120 | 2006  |       |
| Jumper III Relay III | 2.2 HDi FAP 110 | 22 DT PUMA Euro 5 | 81  | 109 | 110 | 2011  |       |
| Jumper III Relay III | 2.2 HDi FAP 130 | 22 DT PUMA Euro 5 | 96  | 129 | 130 | 2011  |       |

#### DIMENSIONES

|                         |       |
|-------------------------|-------|
| H (Alto):               | 97 mm |
| OD (Diámetro Exterior): | 68 mm |
| ID (Diámetro Interior): | 12 mm |

#### Juntas:

1 Unidad/es (OD/ID) 95 mm / 87 mm

#### PROPIEDADES

#### PRESENTACION

|                    |               |
|--------------------|---------------|
| UNIDADES POR CAJA: | 24            |
| PESO:              | 3.2 Kg        |
| VOLUME:            | 0.02 cbm      |
| EAN13:             | 5055148221669 |



ITF14: 85055148221665



**CITROEN**

| Serie                | Modelo          | Motor              | Kw  | HP  | CV  | Desde | Hasta |
|----------------------|-----------------|--------------------|-----|-----|-----|-------|-------|
| Jumper III Relay III | 2.2 HDi FAP 150 | 22 DT PUMA Euro 5  | 110 | 147 | 149 | 2011  |       |
| Jumper III Relay III | 3.0 HDi 160     | F30 DT   F30 DT E5 | 115 | 154 | 156 | 2006  |       |
| Jumper III Relay III | 3.0 HDi FAP     | F30 DT E5          | 107 | 143 | 145 | 2010  |       |
| Relay II             | 2.0 HDi         | DW10TD             | 62  | 83  | 84  | 2002  | 2006  |
| Relay II             | 2.2 HDi         | DW12TED            | 74  | 99  | 101 | 2002  | 2006  |
| Relay II             | 2.8 HDi 127     | Sofim 2800 HDI     | 94  | 126 | 128 | 2002  | 2006  |
| Relay II             | 2.8 HDi 146     | Sofim 2800 HDI     | 107 | 143 | 145 | 2004  | 2006  |
| Relay III            | 2.2 HDi 100     | 22 DT PUMA         | 74  | 99  | 101 | 2006  |       |
| Relay III            | 2.2 HDi 120     | 22 DT PUMA         | 88  | 118 | 120 | 2006  |       |
| Relay III            | 2.2 HDi FAP 110 | 22 DT PUMA Euro 5  | 81  | 109 | 110 | 2011  |       |
| Relay III            | 2.2 HDi FAP 130 | 22 DT PUMA Euro 5  | 96  | 129 | 130 | 2011  |       |
| Relay III            | 2.2 HDi FAP 150 | 22 DT PUMA Euro 5  | 110 | 147 | 149 | 2011  |       |
| Relay III            | 3.0 HDi 160     | F30 DT   F30 DT E5 | 115 | 154 | 156 | 2006  |       |
| Relay III            | 3.0 HDi FAP     | F30 DT E5          | 107 | 143 | 145 | 2010  |       |

**FIAT**

| Serie                           | Modelo             | Motor                   | Kw  | HP  | CV  | Desde | Hasta |
|---------------------------------|--------------------|-------------------------|-----|-----|-----|-------|-------|
| 500   Nuova 500 150             | 1.3 JTD 16V        | 169.A1.000              | 55  | 74  | 75  | 2007  |       |
| Albea 172                       | 1.3 JTD 16V        |                         | 51  | 68  | 69  | 2004  |       |
| Croma II 194                    | 1.9 JTD            | 939A1.000               | 88  | 118 | 120 | 2005  |       |
| Croma II 194                    | 1.9 JTD            | 939A2.000               | 110 | 147 | 149 | 2005  |       |
| Doblò   Doblò Cargo 119   223   | 1.3 JTD            |                         | 51  | 68  | 69  | 2004  | 2005  |
| Doblò   Doblò Cargo 119   223   | 1.3 Multijet 16V J |                         | 55  | 74  | 75  | 2005  |       |
| Doblò   Doblò Cargo 119   223   | 1.3 Multijet 16V J |                         | 62  | 83  | 84  | 2005  |       |
| Ducato 2002 244                 | 2.0 JTD            | RHV (DW10)              | 62  | 83  | 84  | 2002  | 2006  |
| Ducato 2002 244                 | 2.3 JTD            | F1AE0481C               | 81  | 109 | 110 | 2002  | 2006  |
| Ducato 2002 244                 | 2.8 JTD            | 8140.43N                | 107 | 143 | 145 | 2004  | 2006  |
| Ducato 2002 244                 | 2.8 JTD            | 8140.43S                | 94  | 126 | 128 | 2002  | 2006  |
| Ducato 2007 250   251   252   2 | 2.2 JTD            | 4HV                     | 74  | 99  | 101 | 2006  | 2011  |
| Ducato 2007 250   251   252   2 | 2.3 JTD 120 Mult   | F1AE0481C   D           | 88  | 118 | 120 | 2006  |       |
| Ducato 2007 250   251   252   2 | 2.3 JTD 130 Mult   | F1AE0481N   T   F1AI 96 | 129 | 130 | 130 | 2006  |       |
| Ducato 2007 250   251   252   2 | 3.0 JTD            | F1CE3481M               | 115 | 154 | 156 | 2006  | 2014  |
| Ducato 2007 250   251   252   2 | 3.0 JTD            | F1CE3481N               | 107 | 143 | 145 | 2010  | 2011  |
| Idea 135   235                  | 1.3 JTD 70         |                         | 51  | 68  | 69  | 2004  |       |
| Idea 135   235                  | 1.3 JTD 90         |                         | 66  | 88  | 90  | 2005  |       |
| Idea 135   235                  | 1.9 JTD            |                         | 74  | 99  | 101 | 2004  |       |
| Panda II 169A                   | 1.3 JTD 16V        |                         | 55  | 74  | 75  | 2006  |       |
| Panda II 169A                   | 1.3 JTD 16V        | 188 A9.000              | 51  | 68  | 69  | 2003  |       |
| Punto II 188   188AX            | 1.3 JTD            | 188 A9.000              | 51  | 68  | 69  | 2003  | 2005  |
| Punto II 188   188AX            | 1.9 JTD            | 188 B2.000              | 74  | 99  | 101 | 2003  |       |
| Punto II 188   188AX            | 1.9 JTD            | 188A7.000               | 63  | 84  | 86  | 2001  | 2009  |
| Sedici 189                      | 1.9 JTD            | -                       | 88  | 118 | 120 | 2006  | 2009  |
| Sedici 189                      | 2.0 JTD            | -                       | 99  | 133 | 135 | 2009  |       |
| Siena 173                       | 1.3 JTD            |                         | 51  | 68  | 69  | 2003  |       |
| Strada 178E   278               | 1.3 JTD            | 223 A9.000              | 62  | 83  | 84  | 2006  | 2011  |

**LANCIA (LANCIA AUTOBIANCHI)**

| Serie       | Modelo  | Motor | Kw | HP  | CV  | Desde | Hasta |
|-------------|---------|-------|----|-----|-----|-------|-------|
| Musa        | 1.3 JTD |       | 51 | 68  | 69  | 2004  | 2009  |
| Musa        | 1.3 JTD |       | 66 | 88  | 90  | 2004  | 2009  |
| Musa        | 1.9 JTD |       | 74 | 99  | 101 | 2004  | 2008  |
| Ypsilon 843 | 1.3 JTD |       | 51 | 68  | 69  | 2003  | 2006  |
| Ypsilon 843 | 1.3 JTD |       | 55 | 74  | 75  | 2006  | 2011  |
| Ypsilon 843 | 1.3 JTD |       | 66 | 88  | 90  | 2006  | 2011  |
| Ypsilon 843 | 1.3 JTD |       | 77 | 103 | 105 | 2007  | 2011  |

**OPEL**

| Serie | Modelo   | Motor | Kw | HP | CV | Desde | Hasta |
|-------|----------|-------|----|----|----|-------|-------|
| Agila | 1.3 CDTI | Z13DT | 51 | 68 | 69 | 2003  | 2008  |

**DIMENSIONES**

H (Alto): 97 mm  
 OD (Diámetro Exterior): 68 mm  
 ID (Diámetro Interior): 12 mm

**Juntas:**

1 Unidad/es (OD/ID) 95 mm / 87 mm

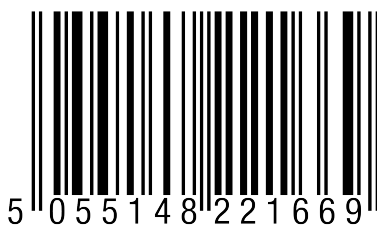
**PROPIEDADES**
**PRESENTACION**

UNIDADES POR CAJA: 24

PESO: 3.2 Kg

VOLUME: 0.02 cbm

EAN13: 5055148221669



ITF14: 85055148221665



## DIMENSIONES

H (Alto): 97 mm

OD (Diámetro Exterior): 68 mm

ID (Diámetro Interior): 12 mm

Juntas:

1 Unidad/es (OD/ID) 95 mm / 87 mm

## PROPIEDADES

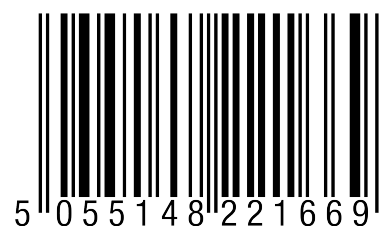
## PRESENTACION

UNIDADES POR CAJA: 24

PESO: 3.2 Kg

VOLUME: 0.02 cbm

EAN13: 5055148221669



ITF14: 85055148221665



### OPEL

| Serie                          | Modelo   | Motor         | Kw  | HP  | CV  | Desde | Hasta |
|--------------------------------|----------|---------------|-----|-----|-----|-------|-------|
| Agila II                       | 1.3 CDTI | D13A   Z13DTJ | 55  | 74  | 75  | 2008  |       |
| Antara                         | 2.0 CDTI | Z20DM         | 93  | 125 | 126 | 2006  |       |
| Antara                         | 2.0 CDTI | Z20DMH        | 110 | 147 | 149 | 2006  |       |
| Astra H   Astra H GTC   TwinTc | 1.3 CDTI | Z13DTH        | 66  | 88  | 90  | 2005  |       |
| Astra H   Astra H GTC   TwinTc | 1.9 CDTI | Z19DT   DTJ   | 88  | 118 | 120 | 2004  |       |
| Astra H   Astra H GTC   TwinTc | 1.9 CDTI | Z19DTH        | 110 | 147 | 149 | 2004  |       |
| Astra H   Astra H GTC   TwinTc | 1.9 CDTI | Z19DTL        | 74  | 99  | 101 | 2005  |       |
| Combo B                        | 1.3 CDTI | Z 13 DT       | 51  | 68  | 69  | 2004  | 2006  |
| Combo B                        | 1.3 CDTI | Z 13 DTJ      | 55  | 74  | 75  | 2005  |       |
| Corsa C                        | 1.3 CDTI | Z 13 DT       | 51  | 68  | 69  | 2003  | 2006  |
| Meriva A                       | 1.3 CDTI | Y13DT, Z13DT  | 51  | 68  | 69  | 2005  | 2006  |
| Meriva A                       | 1.3 CDTI | Z13DTJ        | 55  | 74  | 75  | 2005  | 2010  |
| Signum                         | 1.9 CDTI | Z19DT   DTJ   | 88  | 118 | 120 | 2004  | 2009  |
| Signum                         | 1.9 CDTI | Z19DTH        | 110 | 147 | 149 | 2004  | 2009  |
| Signum                         | 1.9 CDTI | Z19DTL        | 74  | 99  | 101 | 2005  | 2009  |
| Tigra Twin-Top                 | 1.3 CDTI | Z13DT         | 51  | 68  | 69  | 2004  | 2009  |
| Vectra-C                       | 1.9 CDTI | Z19DT   DTJ   | 88  | 118 | 120 | 2004  |       |
| Vectra-C                       | 1.9 CDTI | Z19DTH        | 110 | 147 | 149 | 2004  |       |
| Vectra-C                       | 1.9 CDTI | Z19DTL        | 74  | 99  | 101 | 2005  |       |
| Zafira B                       | 1.9 CDTI | Z19DT   DTJ   | 88  | 118 | 120 | 2005  |       |
| Zafira B                       | 1.9 CDTI | Z19DTH        | 110 | 147 | 149 | 2005  |       |
| Zafira B                       | 1.9 CDTI | Z19DTL        | 74  | 99  | 101 | 2005  | 2008  |

### PEUGEOT

| Serie     | Modelo          | Motor             | Kw  | HP  | CV  | Desde | Hasta |
|-----------|-----------------|-------------------|-----|-----|-----|-------|-------|
| Boxer II  | 2.0 HDi         | RHV (DW10UTD)     | 62  | 83  | 84  | 2002  | 2006  |
| Boxer II  | 2.2 HDi         | 4HY (DW12UTED)    | 74  | 99  | 101 | 2002  | 2006  |
| Boxer II  | 2.8 HDi 127     | 8140.43S          | 94  | 126 | 128 | 2002  | 2006  |
| Boxer II  | 2.8 HDi 146     | 8140.43N          | 107 | 143 | 145 | 2004  | 2006  |
| Boxer III | 2.2 HDi 100     | 22 DT PUMA        | 74  | 99  | 101 | 2006  |       |
| Boxer III | 2.2 HDi 120     | 22 DT PUMA        | 88  | 118 | 120 | 2006  |       |
| Boxer III | 2.2 HDi FAP 110 | 22 DT PUMA Euro 5 | 81  | 109 | 110 | 2011  |       |
| Boxer III | 2.2 HDi FAP 130 | 22 DT PUMA Euro 5 | 96  | 129 | 130 | 2011  |       |
| Boxer III | 2.2 HDi FAP 150 | 22 DT PUMA Euro 5 | 110 | 147 | 149 | 2011  |       |
| Boxer III | 3.0 HDi 160     | F30DT   F30DTE5   | 115 | 154 | 156 | 2006  |       |
| Boxer III | 3.0 HDi FAP     | F30DTE5           | 107 | 143 | 145 | 2010  |       |

### SAAB

| Serie                       | Modelo  | Motor  | Kw  | HP  | CV  | Desde | Hasta |
|-----------------------------|---------|--------|-----|-----|-----|-------|-------|
| 9-3   9-3 x Serie II   YS3F | 1.9 TiD | Z19DT  | 88  | 118 | 120 | 2004  |       |
| 9-3   9-3 x Serie II   YS3F | 1.9 TiD | Z19DTH | 110 | 147 | 149 | 2004  |       |

### SUBARU

| Serie         | Modelo            | Motor | Kw | HP | CV | Desde | Hasta |
|---------------|-------------------|-------|----|----|----|-------|-------|
| Justy III G3X | 1.3 Turbodiesel C | Z13DT | 51 | 68 | 69 | 2003  |       |

### SUZUKI

| Serie                  | Modelo   | Motor        | Kw  | HP  | CV  | Desde | Hasta |
|------------------------|----------|--------------|-----|-----|-----|-------|-------|
| Ignis II               | 1.3 DDiS | Z13DT        | 51  | 68  | 69  | 2003  |       |
| S-Cross                | 1.6 DDiS |              | 88  | 118 | 120 | 2013  |       |
| Splash                 | 1.3 DDiS |              | 55  | 74  | 75  | 2008  |       |
| Swift III MZ   EZ   SG | 1.3 DDiS | Z13DT   D13A | 55  | 74  | 75  | 2005  | 2010  |
| Swift IV AZG   AZH     | 1.3 DDiS | D13A         | 55  | 74  | 75  | 2010  |       |
| Swift IV AZG   AZH     | 1.6      | M16A         | 100 | 134 | 136 | 2012  |       |
| SX4                    | 1.9      | DDiS         | 88  | 118 | 120 | 2006  | 2009  |
| SX4                    | 2.0      | DDiS         | 99  | 133 | 135 | 2009  |       |
| SX4 S-Cross            | 1.6 DDiS |              | 88  | 118 | 120 | 2013  |       |

**SUZUKI**

| Serie     | Modelo   | Motor | Kw | HP  | CV  | Desde | Hasta |
|-----------|----------|-------|----|-----|-----|-------|-------|
| Vitara II | 1.6 DDiS |       | 88 | 118 | 120 | 2015  |       |
| Wagon R+  | 1.3 DDiS | Z13DT | 51 | 68  | 69  | 2003  |       |

**VAUXHALL**

| Serie             | Modelo   | Motor         | Kw  | HP  | CV  | Desde | Hasta |
|-------------------|----------|---------------|-----|-----|-----|-------|-------|
| Agila             | 1.3 CDTI | Z13DT         | 51  | 68  | 69  | 2003  | 2008  |
| Agila II          | 1.3 CDTI | D13A   Z13DTJ | 55  | 74  | 75  | 2008  |       |
| Antara            | 2.0 CDTI | Z20DM         | 93  | 125 | 126 | 2006  |       |
| Antara            | 2.0 CDTI | Z20DMH        | 110 | 147 | 149 | 2006  |       |
| Astra Mk V        | 1.3 CDTI | Z13DTH        | 66  | 88  | 90  | 2005  | 2010  |
| Astra Mk V        | 1.9 CDTI | Z19DT   DTJ   | 88  | 118 | 120 | 2004  | 2011  |
| Astra Mk V        | 1.9 CDTI | Z19DTH        | 110 | 147 | 149 | 2004  | 2011  |
| Astra Mk V        | 1.9 CDTI | Z19DTL        | 74  | 99  | 101 | 2005  | 2010  |
| Corsa Mk II       | 1.3 CDTI | Z13DT         | 51  | 68  | 69  | 2003  | 2006  |
| Meriva A          | 1.3 CDTI | Y13DT, Z13DT  | 51  | 68  | 69  | 2005  | 2006  |
| Meriva A          | 1.3 CDTI | Z13DTJ        | 55  | 74  | 75  | 2005  | 2009  |
| Signum            | 1.9 CDTI | Z19DT         | 74  | 99  | 101 | 2005  | 2009  |
| Signum            | 1.9 CDTI | Z19DT   DTJ   | 88  | 118 | 120 | 2004  | 2009  |
| Signum            | 1.9 CDTI | Z19DTH        | 110 | 147 | 149 | 2004  | 2009  |
| Tigra Convertible | 1.3 CDTI | Z13DT         | 51  | 68  | 69  | 2004  | 2009  |
| Vectra Mk II      | 1.9 CDTI | Z19DT, Z19DTJ | 88  | 118 | 120 | 2004  | 2008  |
| Vectra Mk II      | 1.9 CDTI | Z19DTH        | 110 | 147 | 149 | 2004  | 2008  |
| Vectra Mk II      | 1.9 CDTI | Z19DTL        | 74  | 99  | 101 | 2005  | 2008  |
| Zafira Mk II      | 1.9 CDTI | Z19DT   DTJ   | 88  | 118 | 120 | 2005  |       |
| Zafira Mk II      | 1.9 CDTI | Z19DTH        | 110 | 147 | 149 | 2005  |       |
| Zafira Mk II      | 1.9 CDTI | Z19DTL        | 74  | 99  | 101 | 2005  |       |

**VAUXHALL-BEDFORD (LCV)**

| Serie                     | Modelo   | Motor       | Kw  | HP  | CV  | Desde | Hasta |
|---------------------------|----------|-------------|-----|-----|-----|-------|-------|
| Astramax   Astra Van MK V | 1.3 CDTI | Z13DTH      | 66  | 88  | 90  | 2005  |       |
| Astramax   Astra Van MK V | 1.9 CDTI | Z19DT   DTJ | 88  | 118 | 120 | 2005  | 2011  |
| Astramax   Astra Van MK V | 1.9 CDTI | Z19DTH      | 110 | 147 | 149 | 2005  | 2011  |
| Combo   Corsa Van MK II   | 1.3 CDTI | Z 13 DT     | 51  | 68  | 69  | 2004  | 2006  |
| Combo   Corsa Van MK II   | 1.3 CDTI | Z 13 DT     | 55  | 74  | 75  | 2005  | 2012  |

**DIMENSIONES**

H (Alto): 97 mm

OD (Diámetro Exterior): 68 mm

ID (Diámetro Interior): 12 mm

**Juntas:**

1 Unidad/es (OD/ID) 95 mm / 87 mm

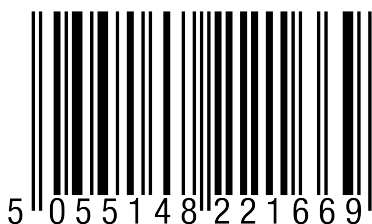
**PROPIEDADES**
**PRESENTACION**

UNIDADES POR CAJA: 24

PESO: 3.2 Kg

VOLUME: 0.02 cbm

EAN13: 5055148221669



ITF14: 85055148221665

